

Fig. 1

$$100\% = T + R + A$$

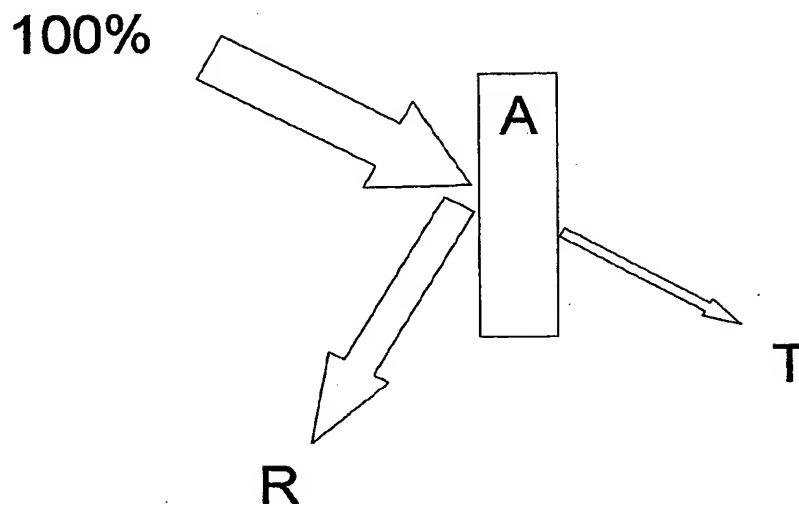


Fig. 2

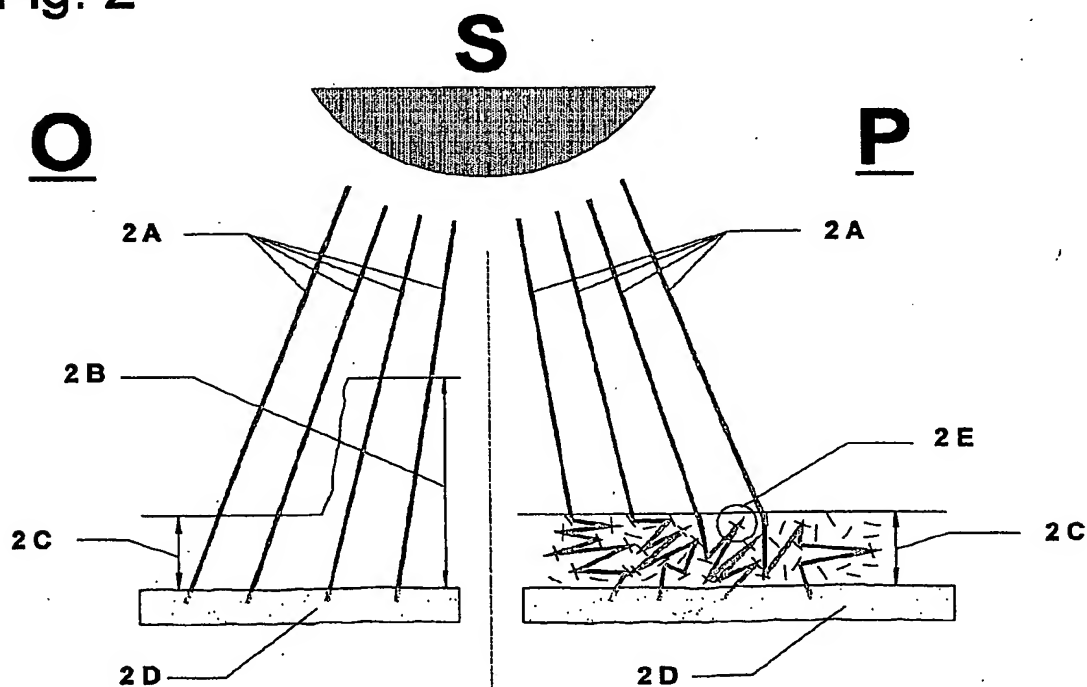
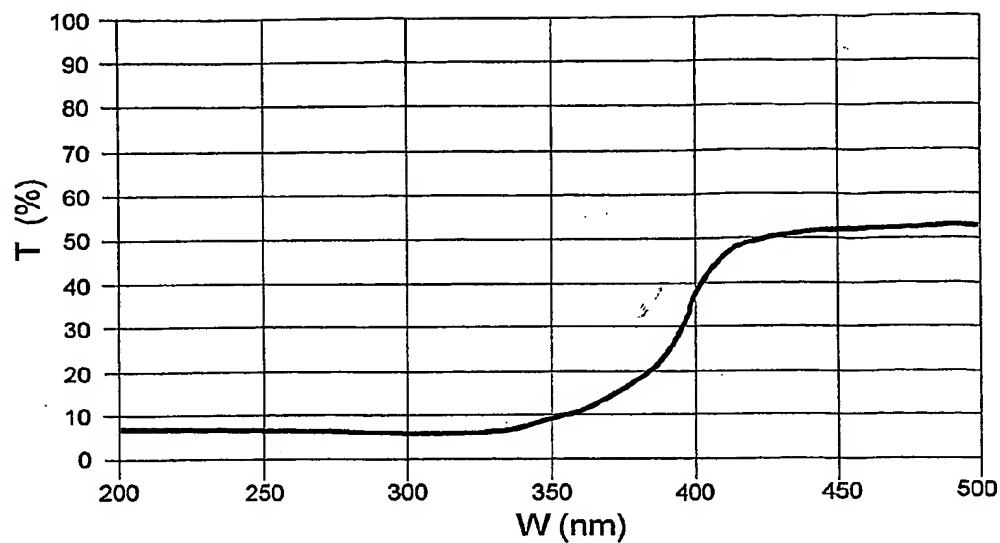


Fig. 3

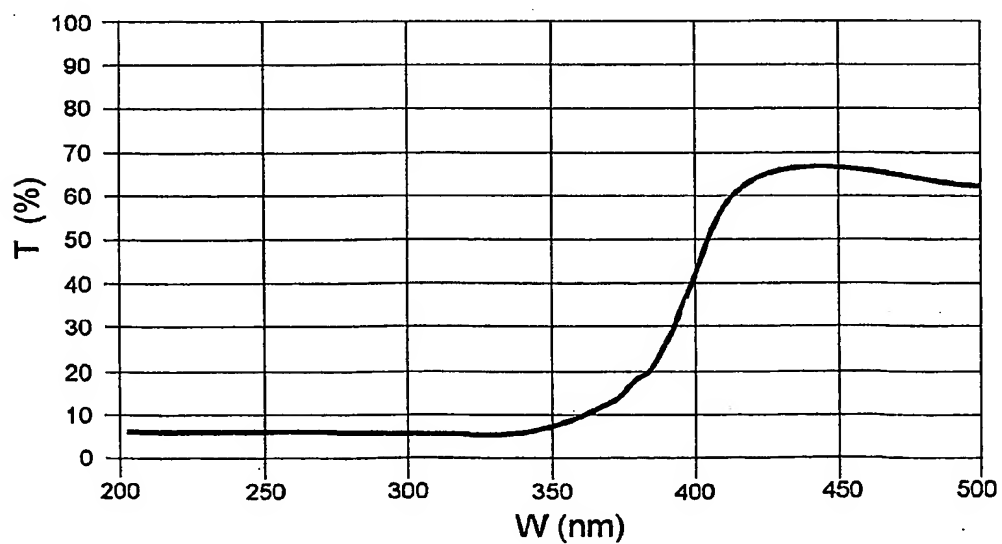
A



TiO ₂	TiO ₂ = 40 - 60 nm
M	

Fig. 4

B



TiO ₂	TiO ₂ = 60 - 80 nm
M	

Fig. 5

C

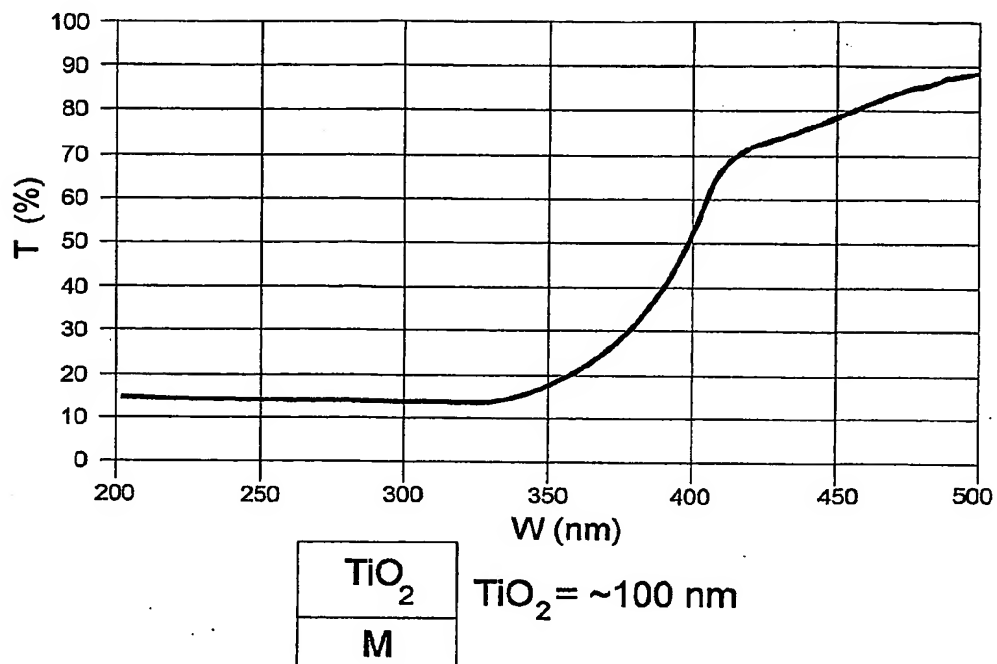


Fig. 6

D

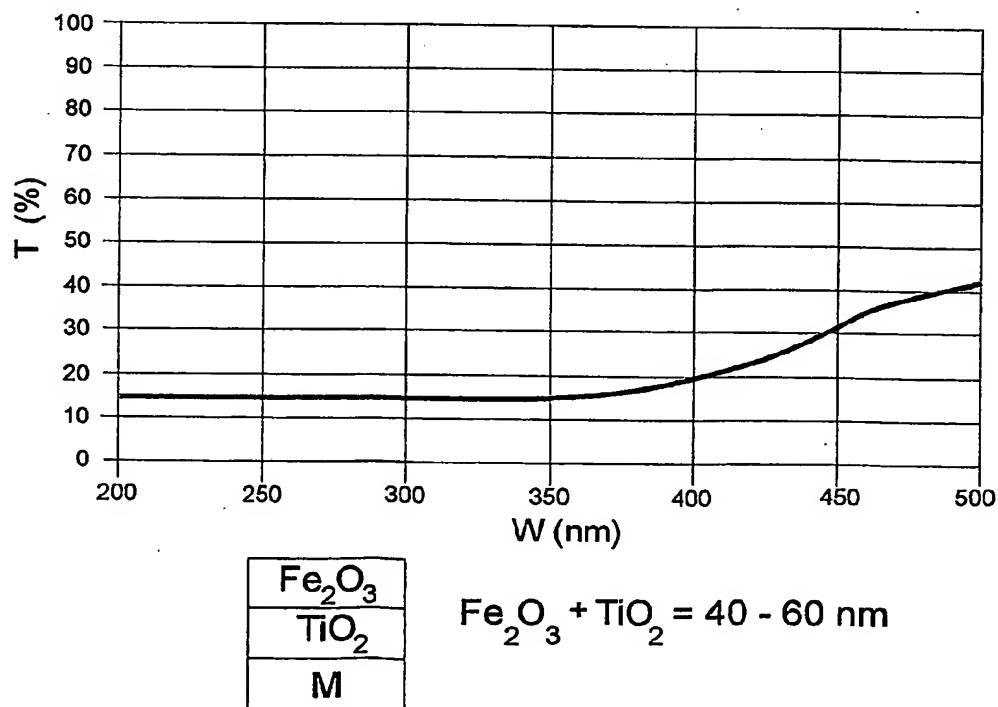


Fig. 7

E

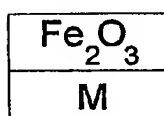
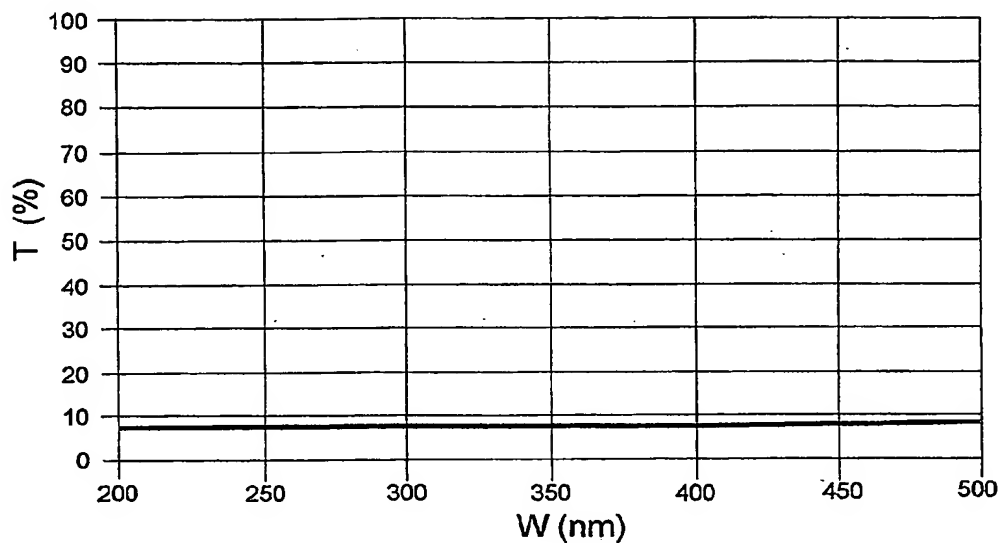
 $\text{Fe}_2\text{O}_3 = 40 - 60 \text{ nm}$

Fig. 8

F

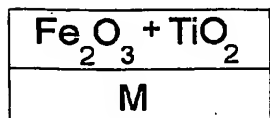
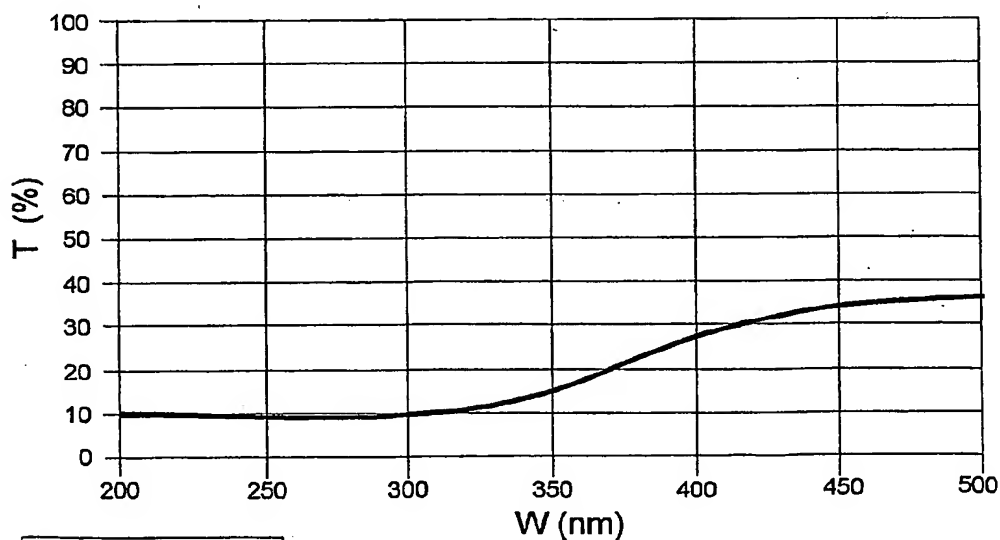
 $\text{Fe}_2\text{O}_3 + \text{TiO}_2 = 60 - 80 \text{ nm}; \text{Fe}_2\text{O}_3 = 11\%$
 $\text{TiO}_2 = 30\%$

Fig. 9

G

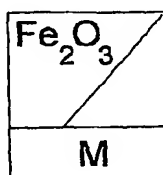
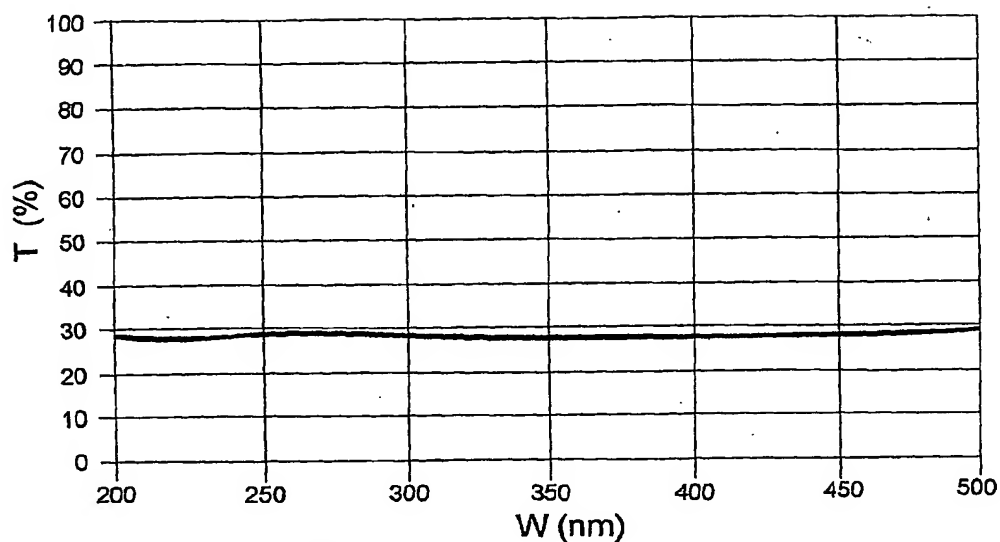
 $\text{Fe}_2\text{O}_3 = 140 - 160 \text{ nm}$

Fig. 10

H

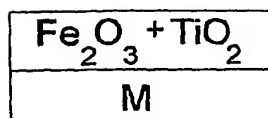
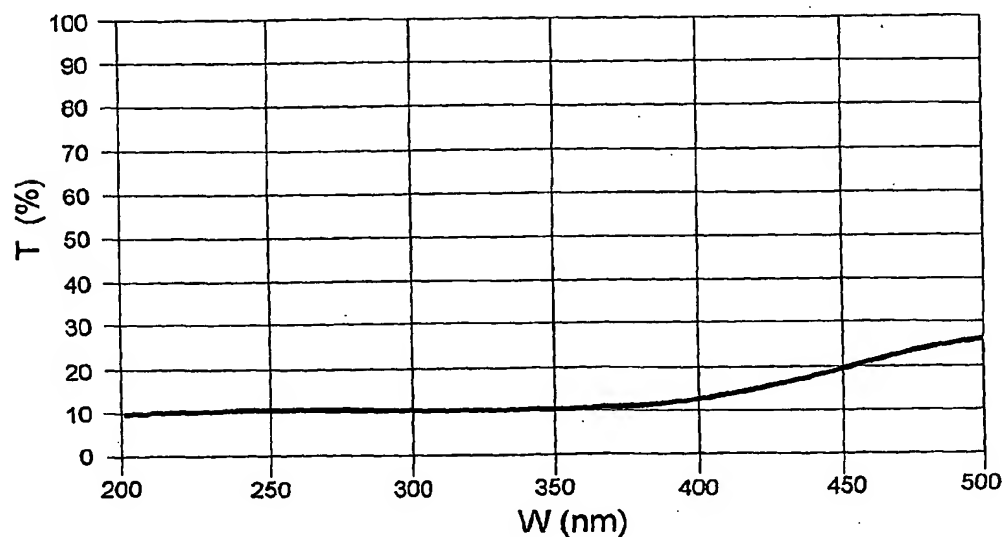
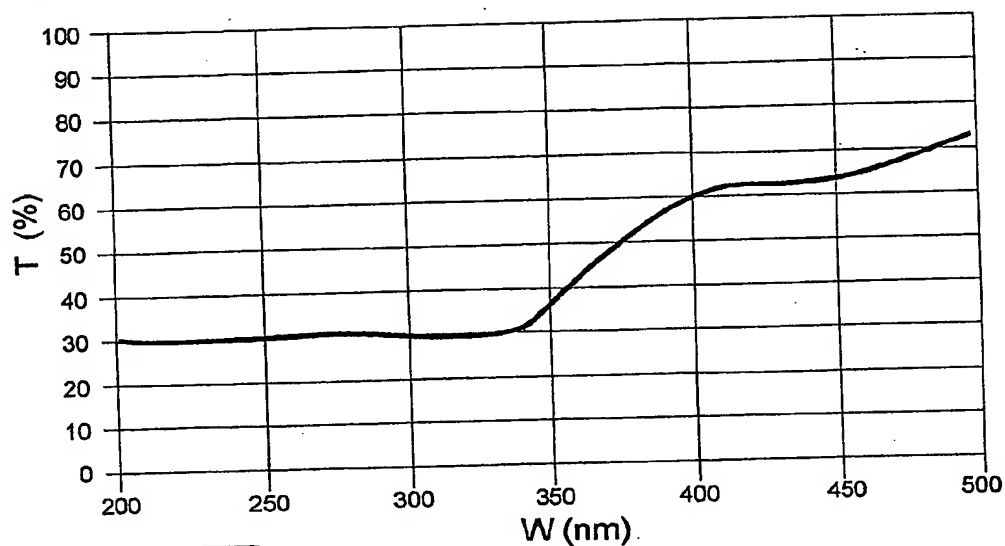
 $\text{Fe}_2\text{O}_3 + \text{TiO}_2 = 60 - 80 \text{ nm}; \text{Fe}_2\text{O}_3 = 18\%$
 $\text{TiO}_2 = 25\%$

Fig. 11

J

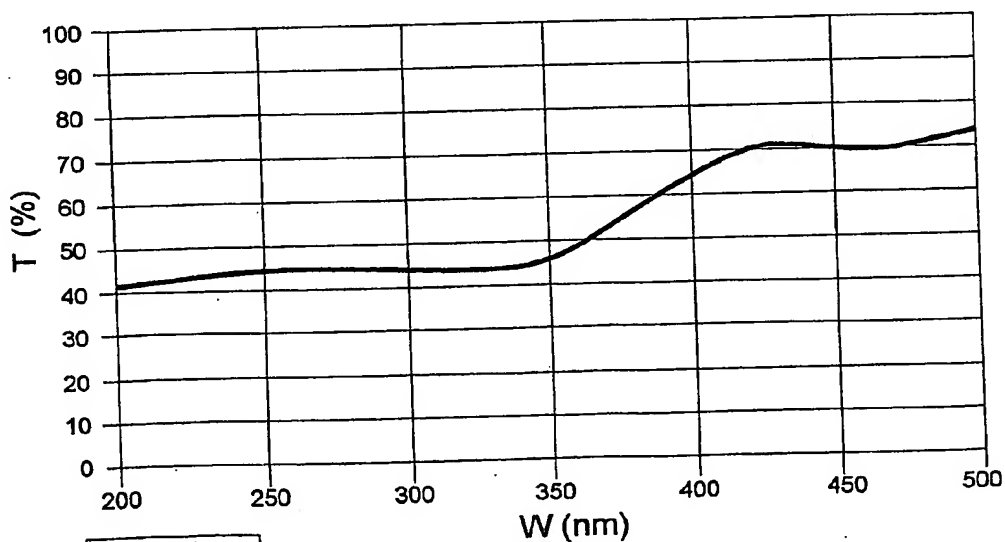


Cr_2O_3
TiO_2
M

$\text{Cr}_2\text{O}_3 + \text{TiO}_2 = 140 - 160 \text{ nm}; \text{Cr}_2\text{O}_3 = 11\%$
 $\text{TiO}_2 = 42\%$

Fig. 12

K



Cr_2O_3
TiO_2
M

$\text{Cr}_2\text{O}_3 + \text{TiO}_2 = 140 - 160 \text{ nm}; \text{Cr}_2\text{O}_3 = 13\%$
 $\text{TiO}_2 = 53\%$

Fig. 13

OMC

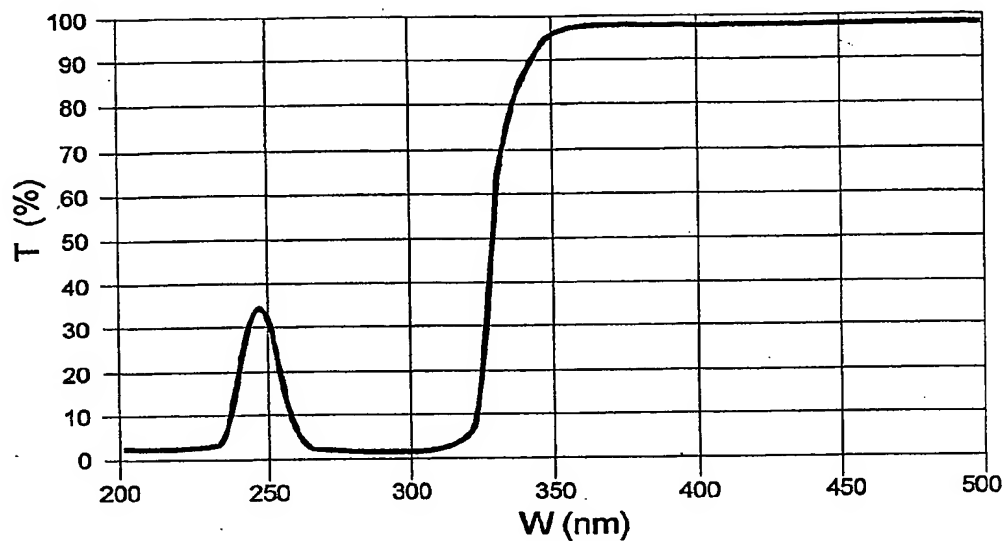
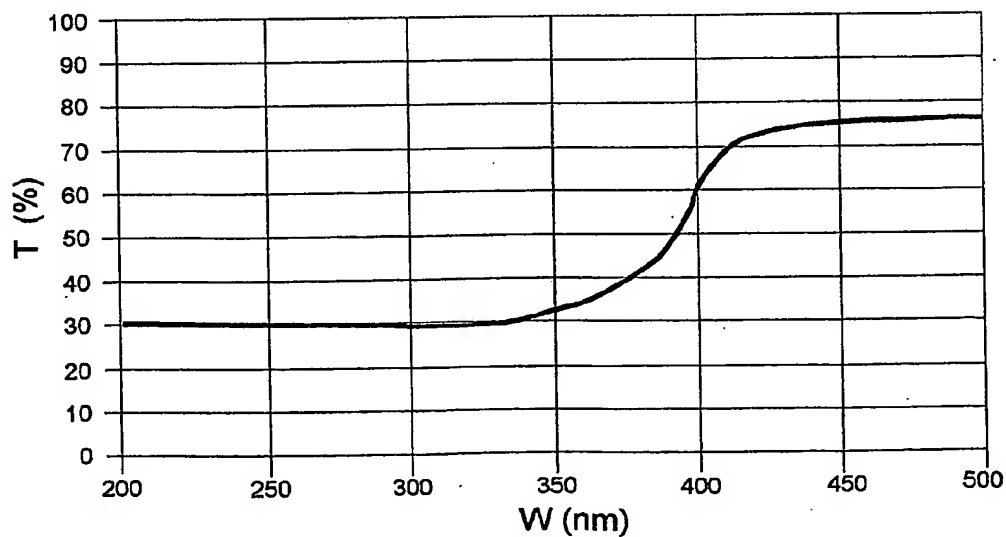


Fig. 14

Aa



TiO ₂
M

TiO₂ = 40 - 60 nm